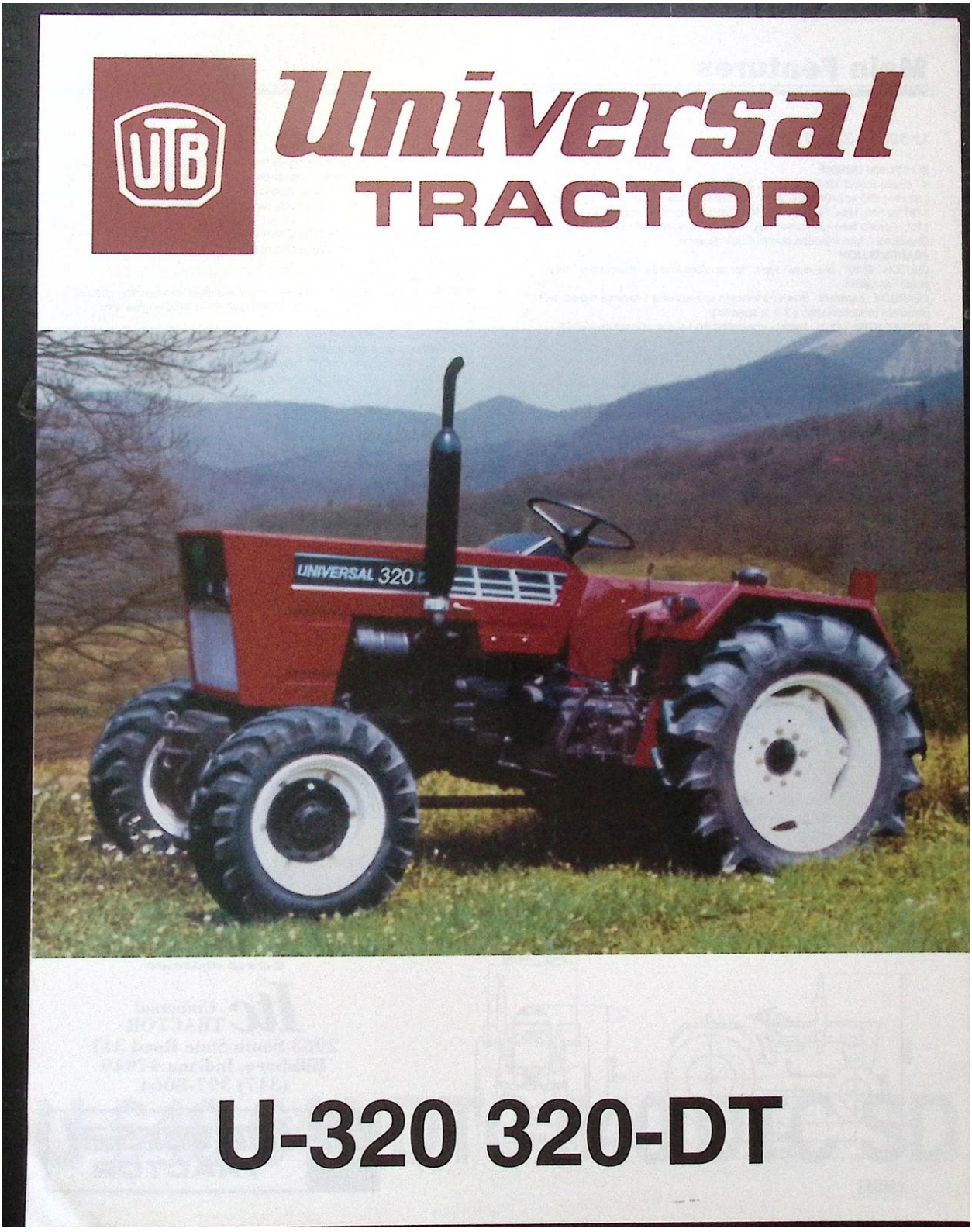


FIG. I (pagina frontală)

Main Features

U-320 320-DT

D - 111.050 ENGINE
4 - stroke Diesel, direct injection, 2 cylinders, water cooled , 23.5 kw (32 HP) ISO at 2400 rpm. Bore: 102 mm. Stroke : 110 mm. Capacity : 1797 cu.cm. Max. Torque : 106.9 Nm at 1400 rpm. Compression ratio : 17:1. Forced feed lubrication. Oil - bath air cleaner with pre - cleaner. Distributor - type injection pump, C.A.V. licence.

TRANSMISSION
CLUTCH : Ø 10" , dry, dual - type (for gearbox and for power take - off) , pedal - actuated.
GEARBOX ; constant - mesh , 3 forward speeds and 1 reverse speed, with planetary reduction Unit. (9 + 3 speeds).
DIFFERENTIAL LOCK , pedal - controlled and automatic return to OFF - position.

STEERING : hydraulics

BRAKES
SERVICE BRAKES , dry band brakes, separately or simultaneously pedal - actuated.
PARKING BRAKE locks and acts upon the service brakes by hand lever.

WHEELS AND AXLES
FRONT AXLE : drive - type , consisting of : reduction gear , cardan shaft, bevel couple, differential and planetary systems .
FRONT WHEELS : 9.00/We-16
REAR WHEELS ; 11.2/w10 - 28
MINIMUM TURNING RADIUS (without braking) : 11 '

ELECTRIC EQUIPMENT
Voltage 12 V . 3 kW starter . 500 W alternator . 88 Ah battery.
LIGHTING ; 2 front asymmetric headlights ; 1 rear floodlight.
SIGNALLING : front flashing and position lights; rear flashing, position, stop and number-plate lights..

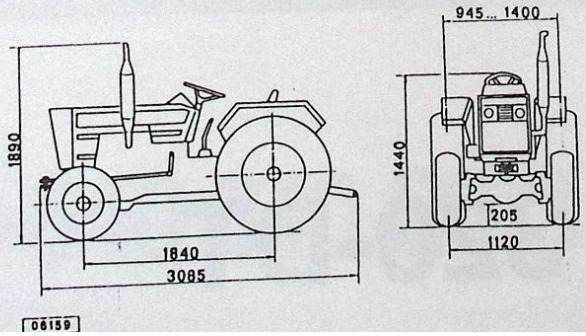
INSTRUMENT PANEL : warning lights for : lights ON , fuel level, handbrake applied, minimum oil pressure, power take - off control. Indicators for : water temperature and fuel level. Speed counter with hourmeter.
ACCESSORIES : thermostarter, horn, service plug socket.

POWER TAKE - OFF
Independent, 540 rpm at 1967 engine rpm.
SYNCHRONOUS, 3.96 rev. per metre of forward travel, with 11.2 - 28 tires and 14/47 bevel couple.

HYDRAULIC SYSTEM
HYDRAULIC MONOBLOCK UNIT with automatic draft and position control.
HYDRAULIC PUMP, gear - type , output 9 gal/min at 2400 engine rpm.
Working pressure : 150 bar.

THREE - POINT LINKAGE
1st category, with adjustable R.H. lifting rod.
Maximum lifting capacity : 1177 daN 2592 lbs.
SEAT, adjustable according to driver's weight and reach
FUEL TANK : 11.8 GAL.
WEIGHT, tractor ready for operation : 4056 LBS.
TOOLBOX
OPTIONAL EQUIPMENT
TOWING AND HITCHING DEVICES
- Front towing device
- Swinging drawbar
- Single - axle trailer coupling

Note: Conversion from metric to inches: mm x .03937 = inches



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Data and illustrations are informative. Subject to change without notice.

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FIG II (pagina spate)